Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039674.D
Acq On : 1 Mar 2019 00:11
Operator : JU/SJ
Sample : K1650-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 01 06:06:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	51062	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	226842	20.00	ng	-0.03
39) Acenaphthene-d10	14.79	164	155121	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	368418	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	365317	20.00	ng	-0.03
87) Perylene-d12	25.20	264	366549	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	352250	118.07	ng	0.00
7) Phenol-d6	7.31	99	519199	118.23	ng	0.00
23) Nitrobenzene-d5	9.34	82	302468	83.30	ng	-0.03
42) 2,4,6-Tribromophenol	16.28	330	208462	124.80	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	718764	66.47	ng	-0.03
79) Terphenyl-d14	20.12	244	1029122	59.63	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	1068	Below Cal	#	4
10) Phenol	7.34	94	20131	4.397	ng	97
19) n-Nitroso-di-n-propylamine	9.34	70	38325	12.296	ng #	68
48) 2-Nitroaniline	14.23	65	420	8.421	ng #	1
50) Dimethylphthalate	14.23	163	43940	3.507	ng	96
51) 2,6-Dinitrotoluene	14.79	165	19965	13.921	ng #	24
56) 4-Nitrophenol	15.43	139	69	5.822	ng #	1
57) 2,4-Dinitrotoluene	14.79	165	19965	13.397	ng #	19
62) 4-Nitroaniline	15.80	138	63	4.224	ng #	10
65) 4,6-Dinitro-2-methylphenol	16.28	198	864	4.927	ng #	34
67) 4-Bromophenyl-phenylether	16.28	248	16475	4.031	ng #	1

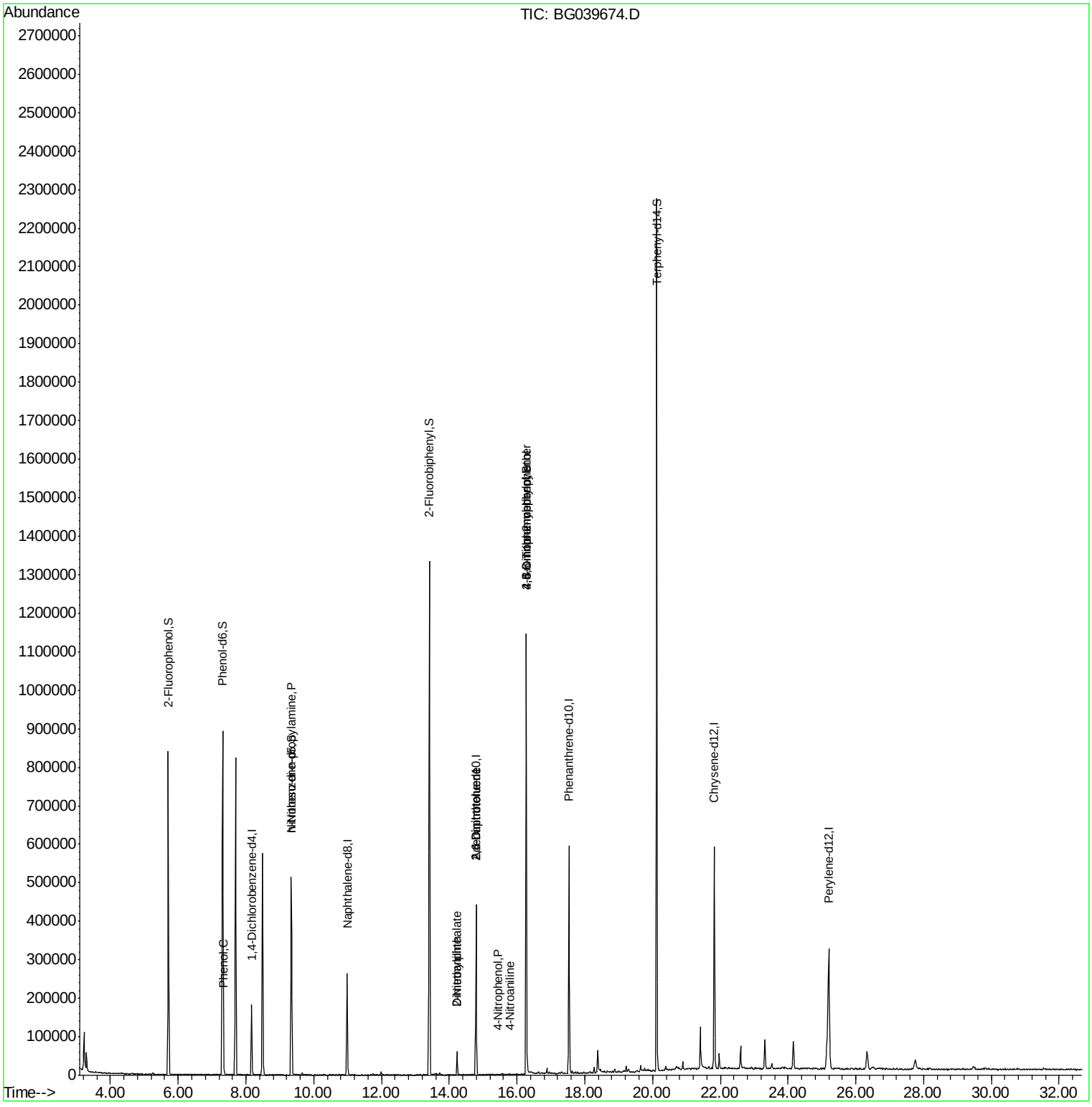
(#) = qualifier out of range (m) = manual integration (+) = signals summed

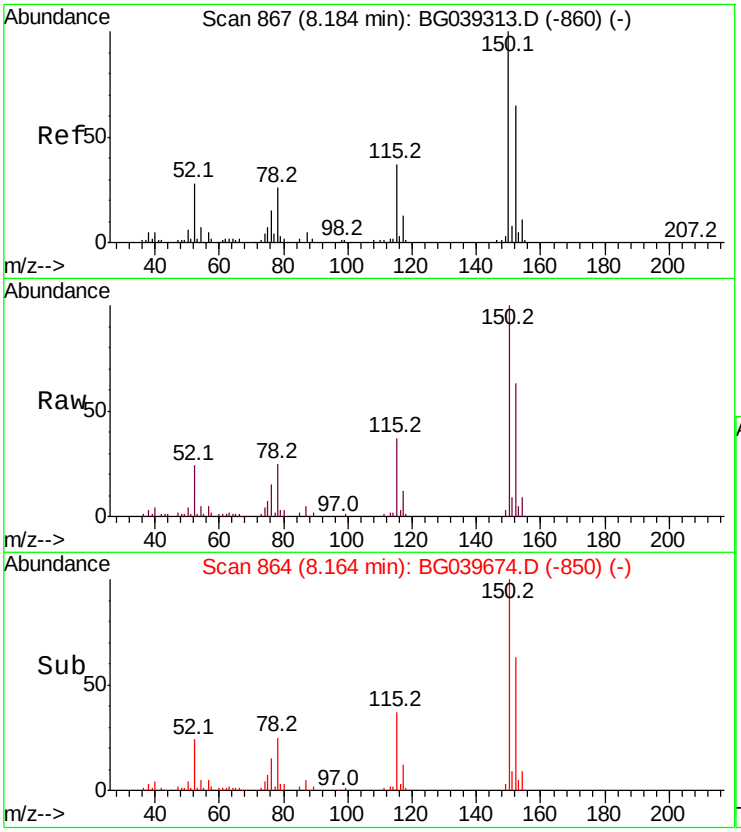
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039674.D
Acq On : 1 Mar 2019 00:11
Operator : JU/SJ
Sample : K1650-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 01 06:06:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



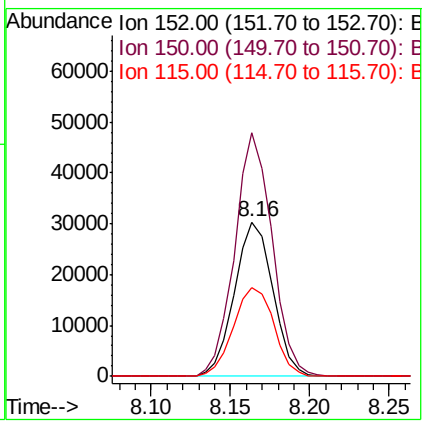


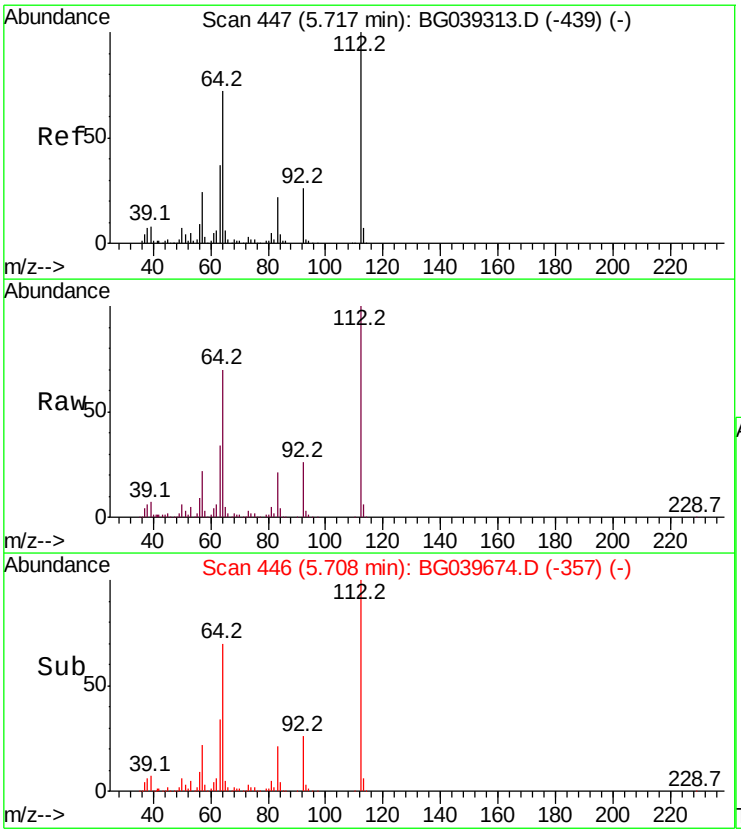
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 51062

Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.7	185.5
115	57.7	45.9	68.9

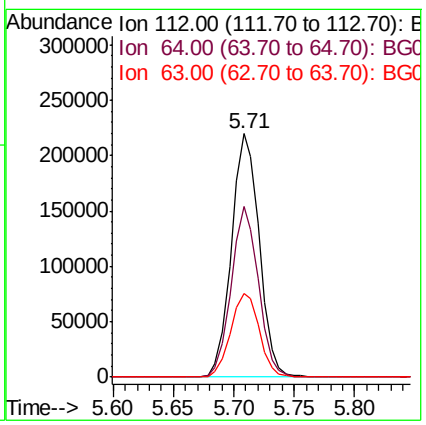


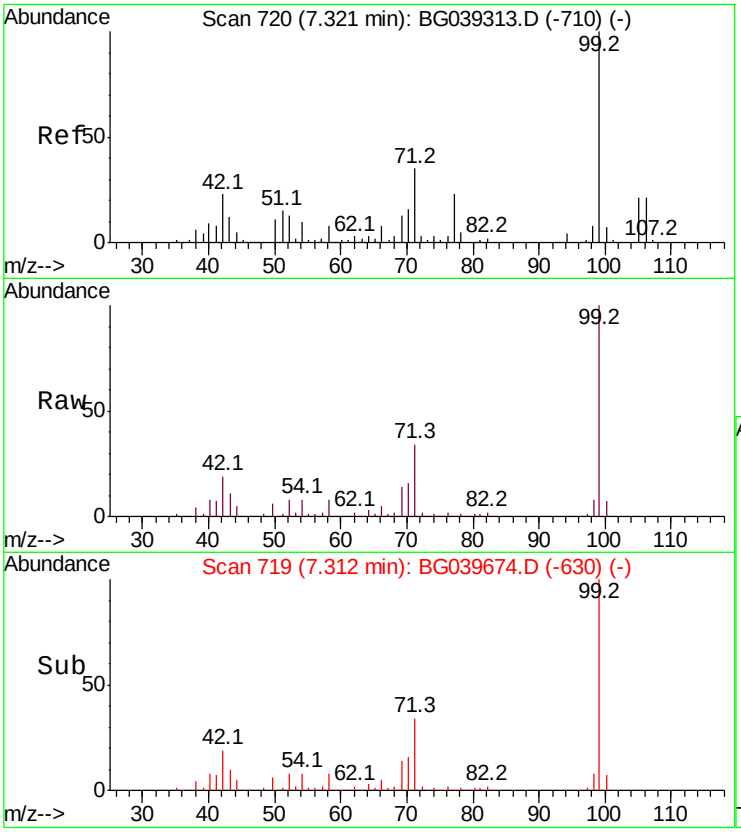


#5
2-Fluorophenol
Concen: 118.068 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Tgt Ion:112 Resp: 352250

Ion	Ratio	Lower	Upper
112	100		
64	69.8	57.8	86.8
63	34.4	29.8	44.6



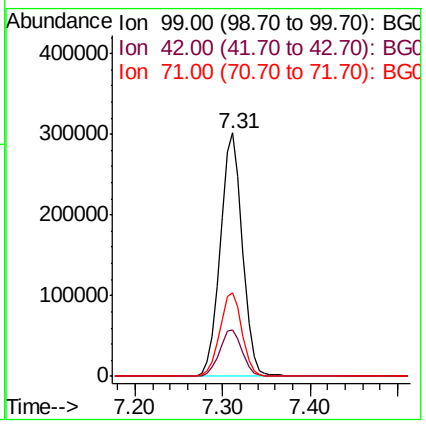


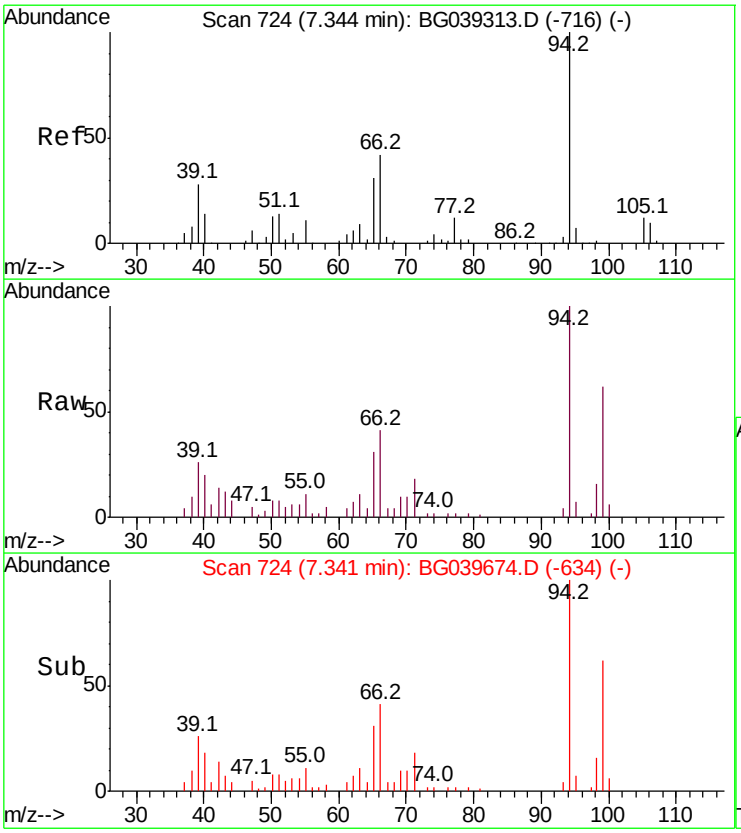
#7
Phenol-d6
Concen: 118.227 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 519199

Ion	Ratio	Lower	Upper
99	100		
42	19.2	18.2	27.2
71	34.1	28.0	42.0

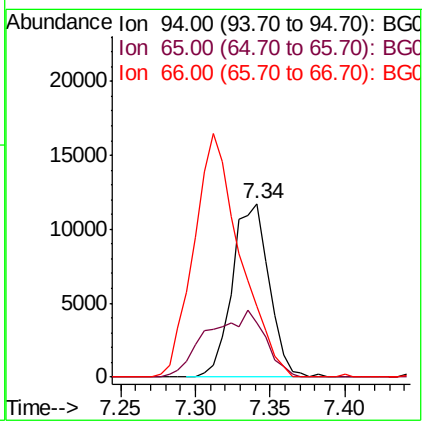


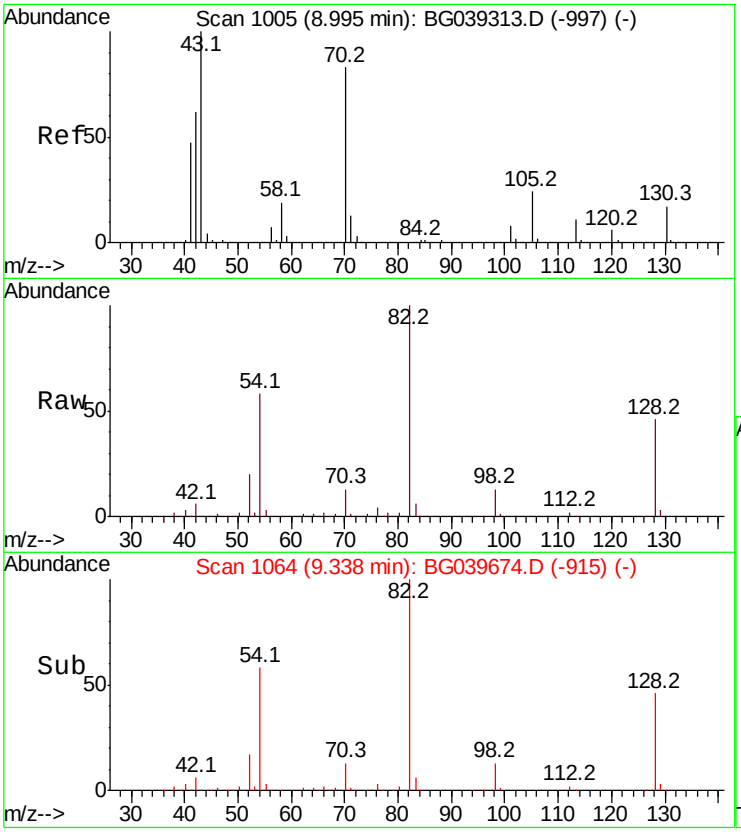


#10
Phenol
Concen: 4.397 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Tgt Ion: 94 Resp: 20131

Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.7	51.7
66	41.0	23.7	63.7



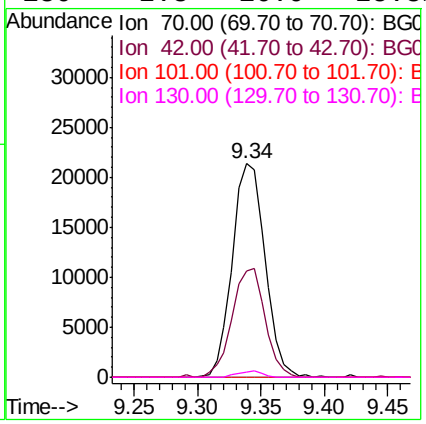


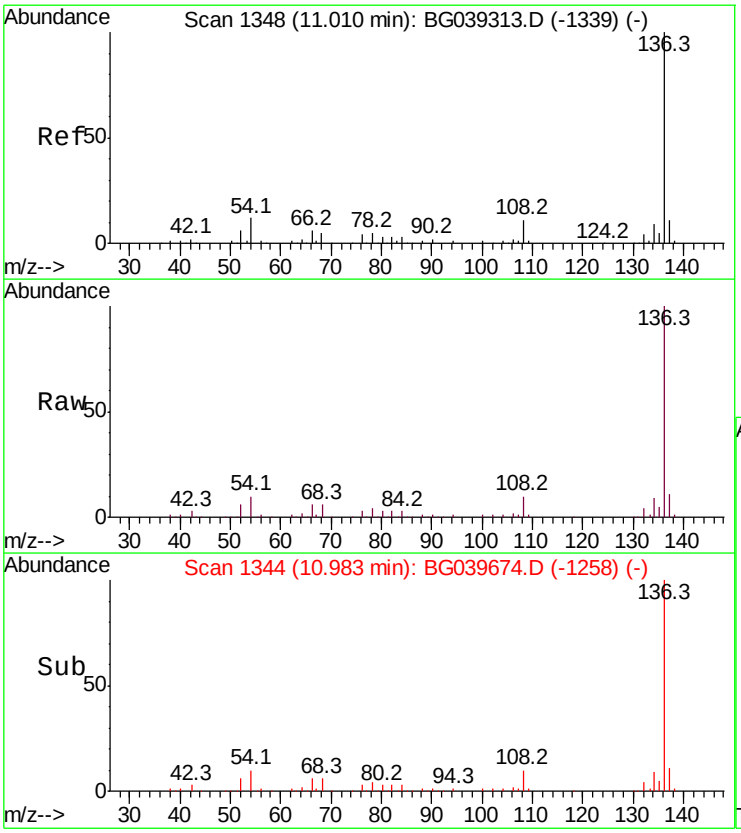
#19
n-Nitroso-di-n-propylamine
Concen: 12.296 ng
RT: 9.34 min Scan# 1064
Delta R.T. 0.34 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 38325

Ion	Ratio	Lower	Upper
70	100		
42	49.6	60.4	90.6#
101	0.0	7.5	11.3#
130	2.3	16.9	25.3#

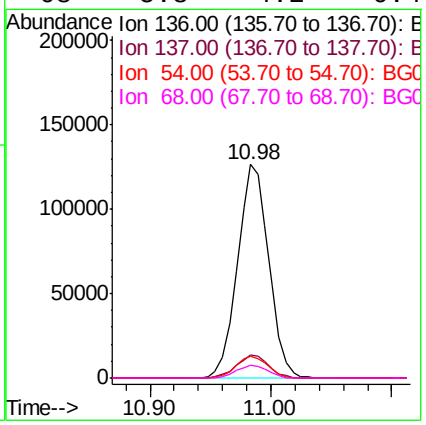


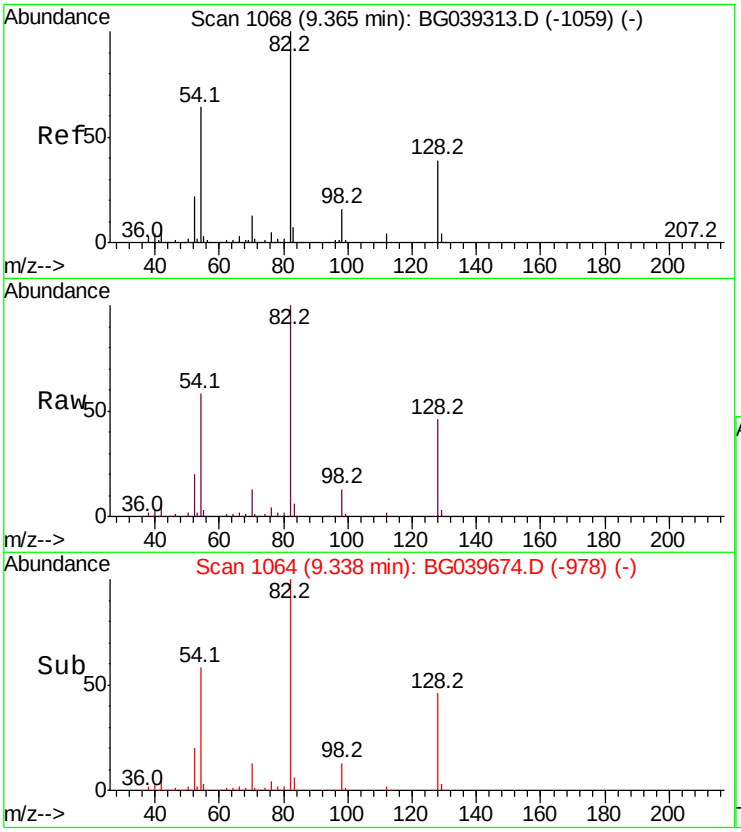


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.03 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Tgt Ion:136 Resp: 226842

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.5	9.4	14.2
68	5.8	4.2	6.4



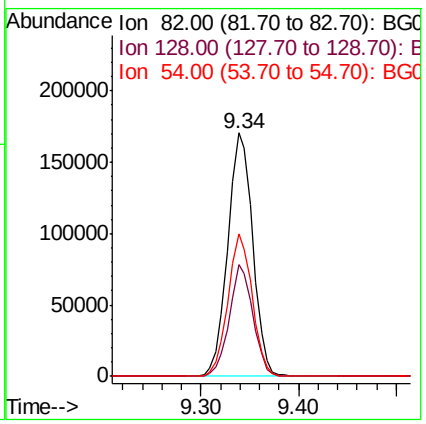


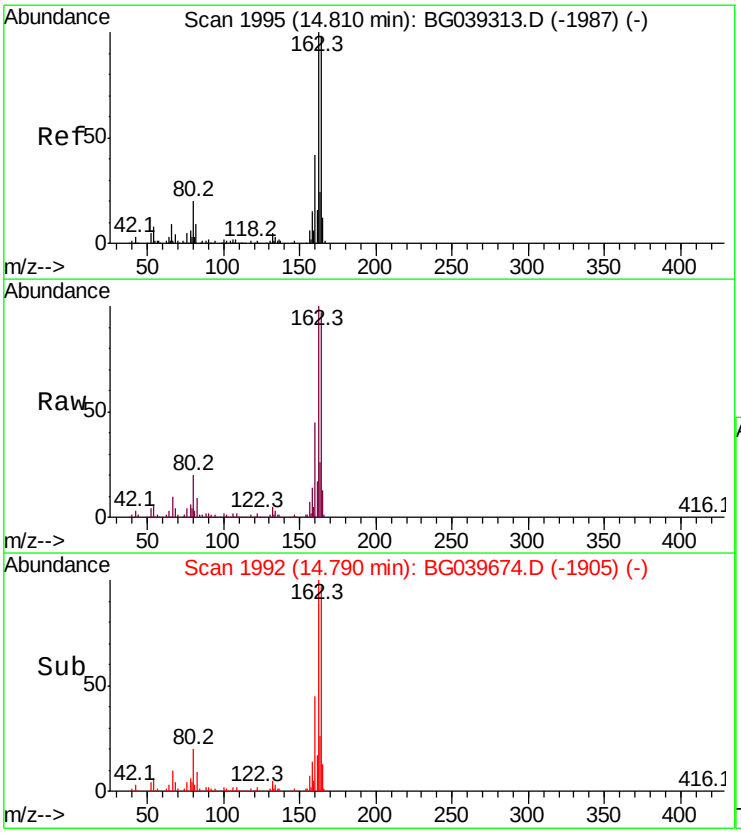
#23
Nitrobenzene-d5
Concen: 83.299 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.03 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 302468

Ion	Ratio	Lower	Upper
82	100		
128	45.8	31.3	46.9
54	58.4	50.9	76.3

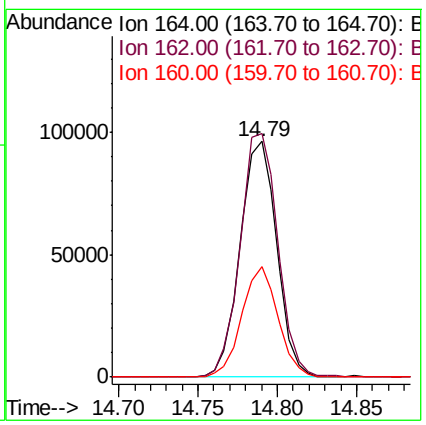


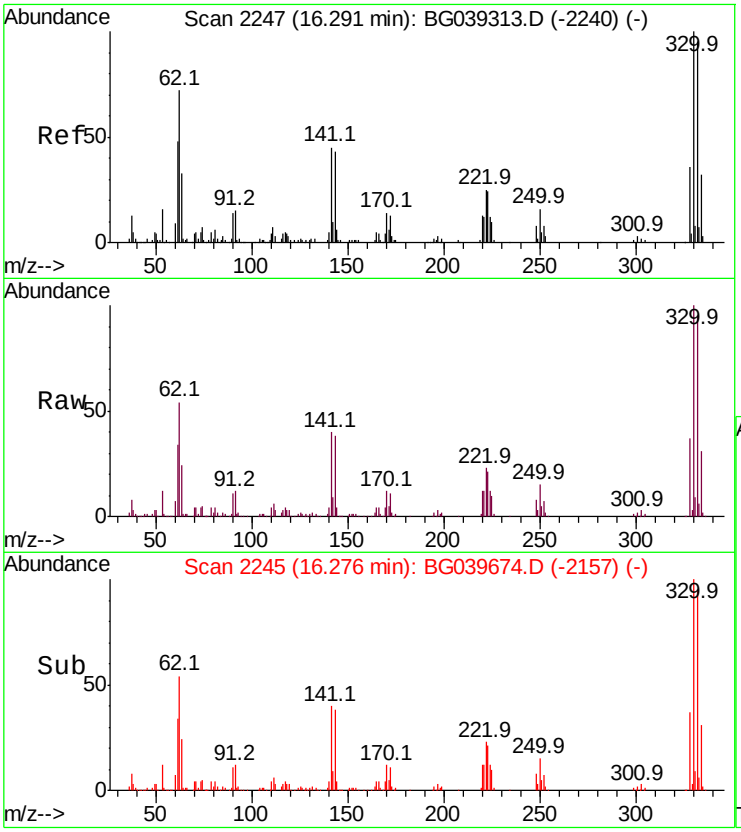


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Tgt Ion:164 Resp: 155121

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.6	122.4
160	46.9	34.2	51.2



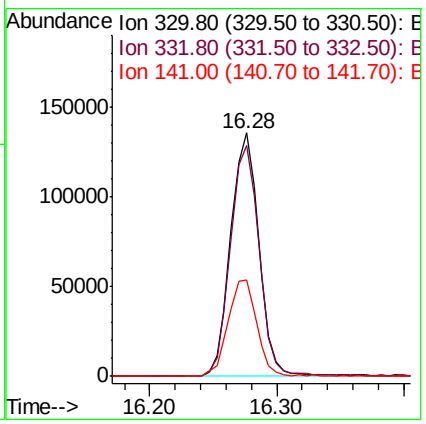


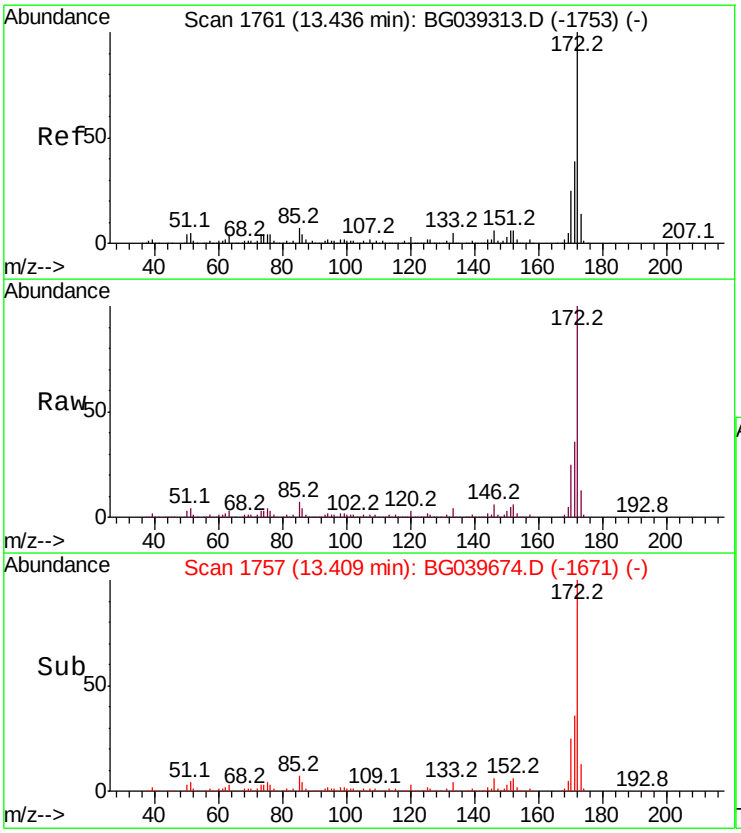
#42
2,4,6-Tribromophenol
Concen: 124.799 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 208462

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.7	113.5
141	40.6	35.6	53.4

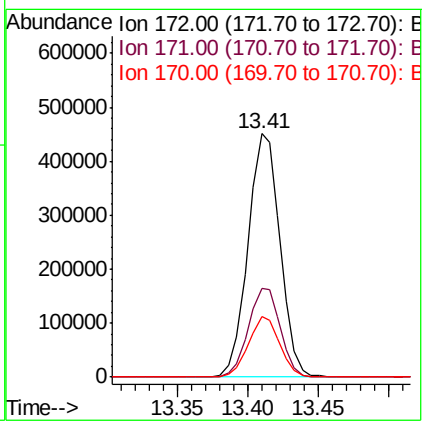


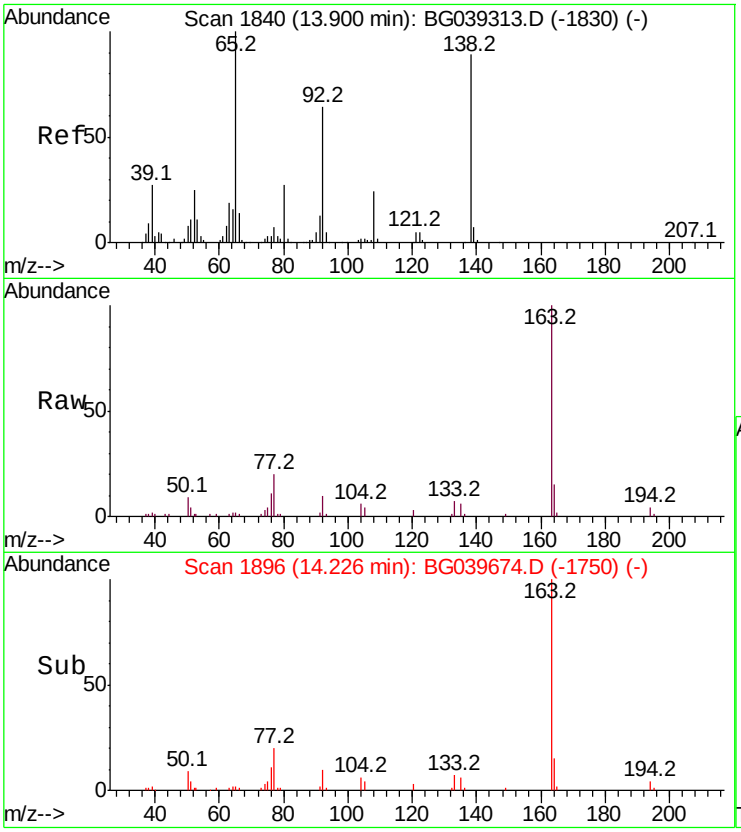


#45
2-Fluorobiphenyl
Concen: 66.471 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.03 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Tgt Ion:172 Resp: 718764

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.8	46.2
170	24.8	20.2	30.4



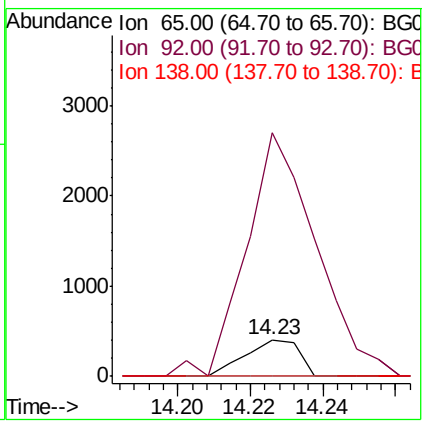


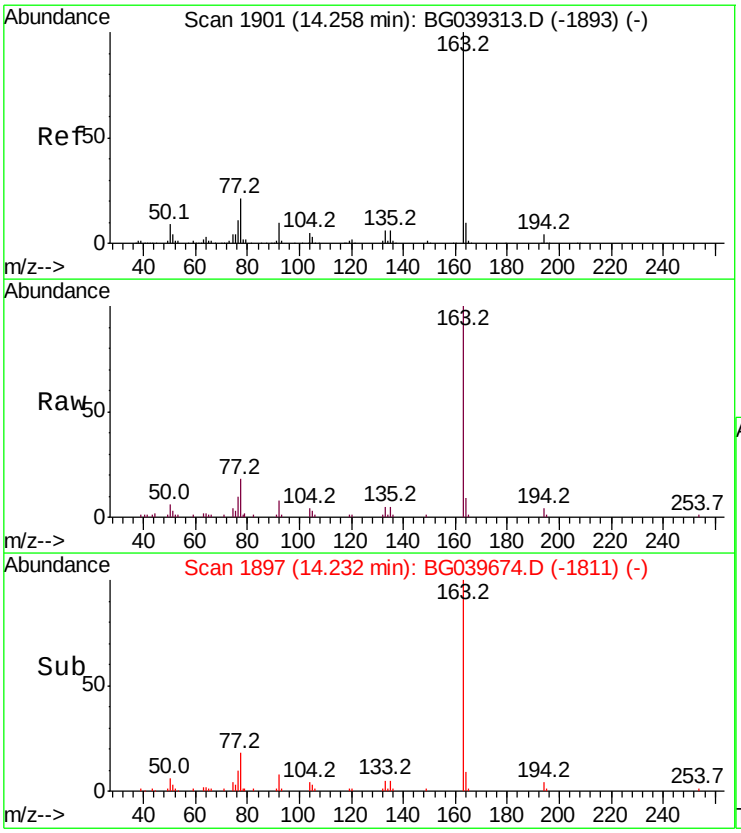
#48
2-Nitroaniline
Concen: 8.421 ng
RT: 14.23 min Scan# 1896
Delta R.T. 0.33 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 420

Ion	Ratio	Lower	Upper
65	100		
92	662.0	51.4	77.2#
138	0.0	71.4	107.2#

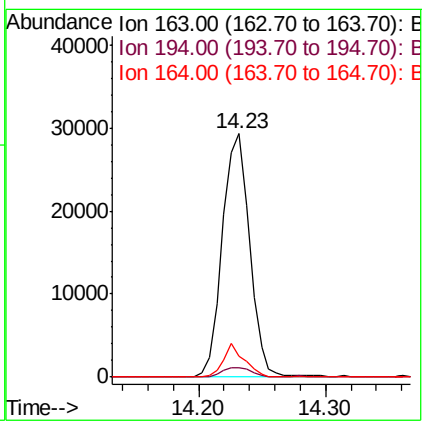


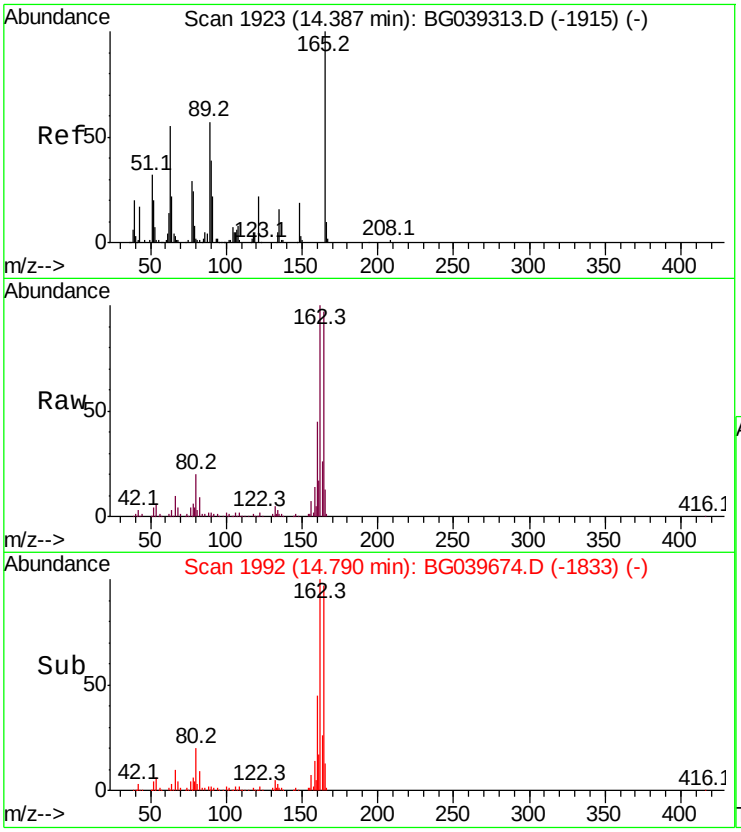


#50
Dimethylphthalate
Concen: 3.507 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Tgt Ion:163 Resp: 43940

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	8.8	8.4	12.6



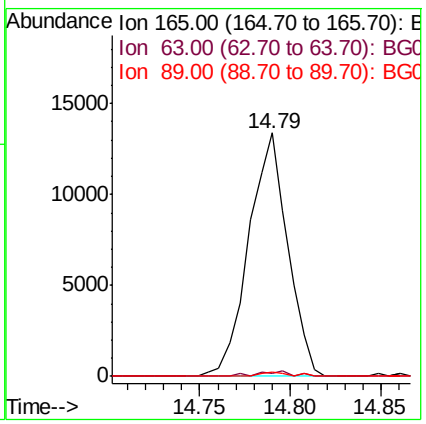


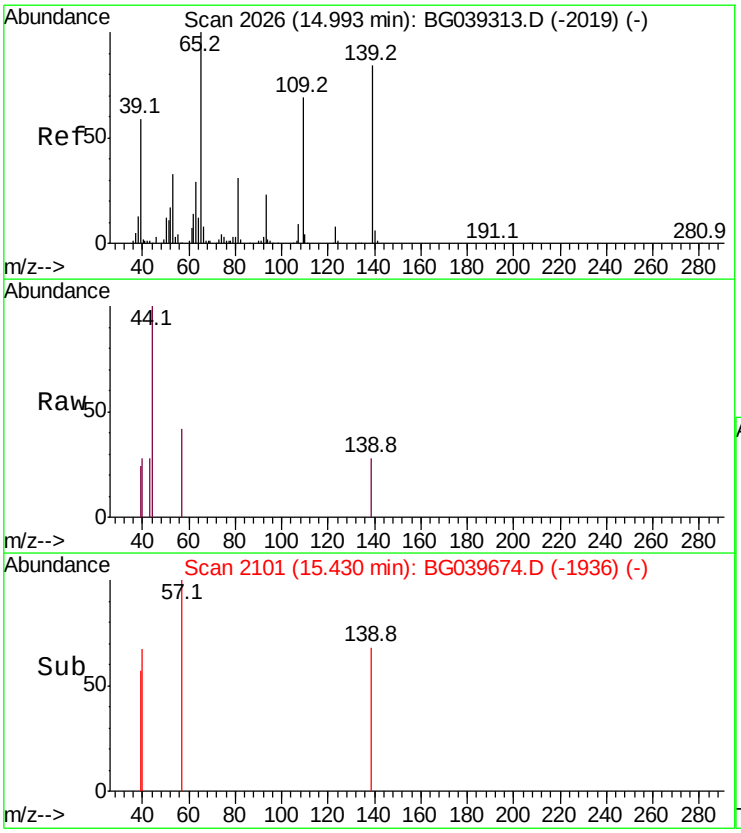
#51
2,6-Dinitrotoluene
Concen: 13.921 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.40 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 19965

Ion	Ratio	Lower	Upper
165	100		
63	1.4	47.0	70.6#
89	1.8	45.8	68.8#

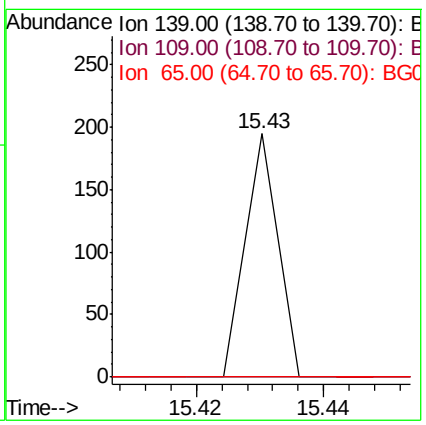


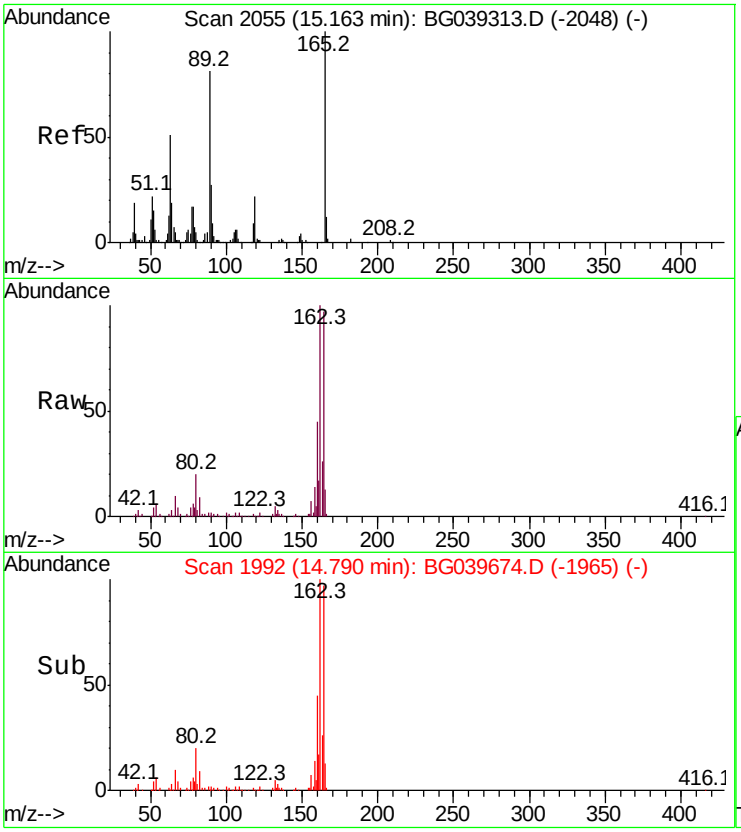


#56
4-Nitrophenol
Concen: 5.822 ng
RT: 15.43 min Scan# 2101
Delta R.T. 0.44 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Tgt Ion:139 Resp: 69

Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.9	101.9#
65	0.0	99.1	139.1#



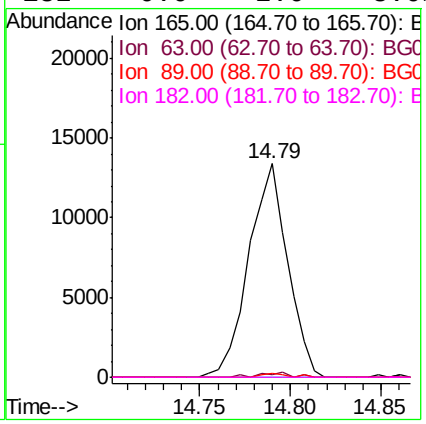


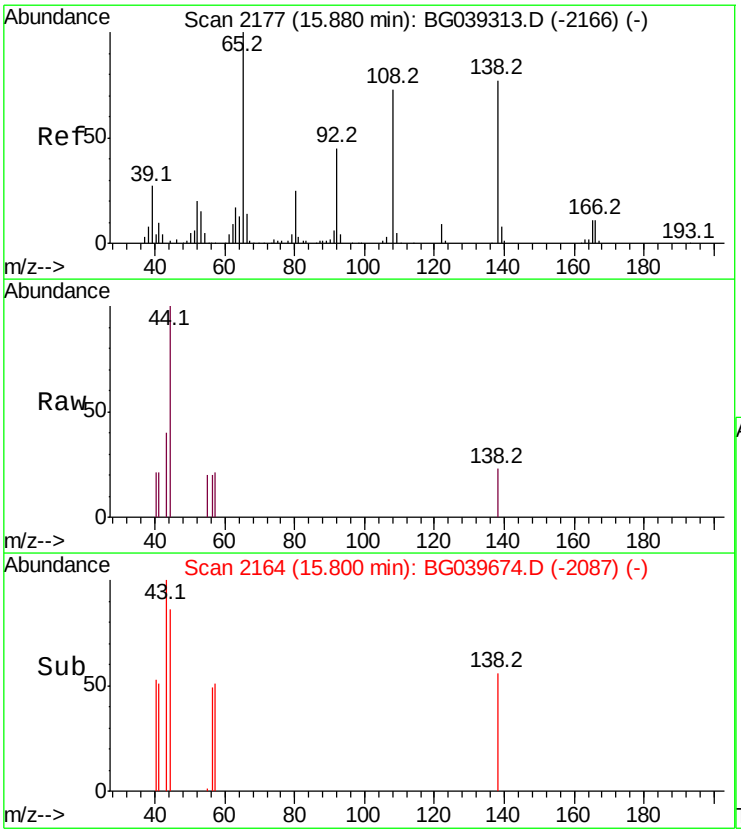
#57
2,4-Dinitrotoluene
Concen: 13.397 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 19965

Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.0	61.6#
89	1.8	64.6	96.8#
182	0.0	2.0	3.0#

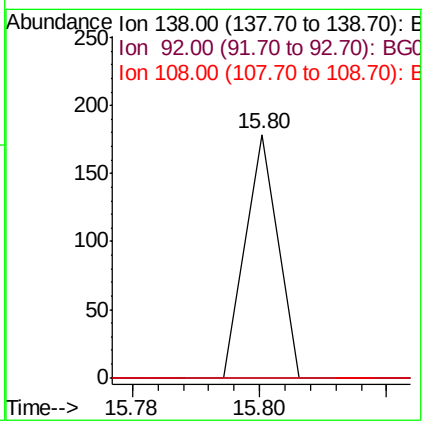


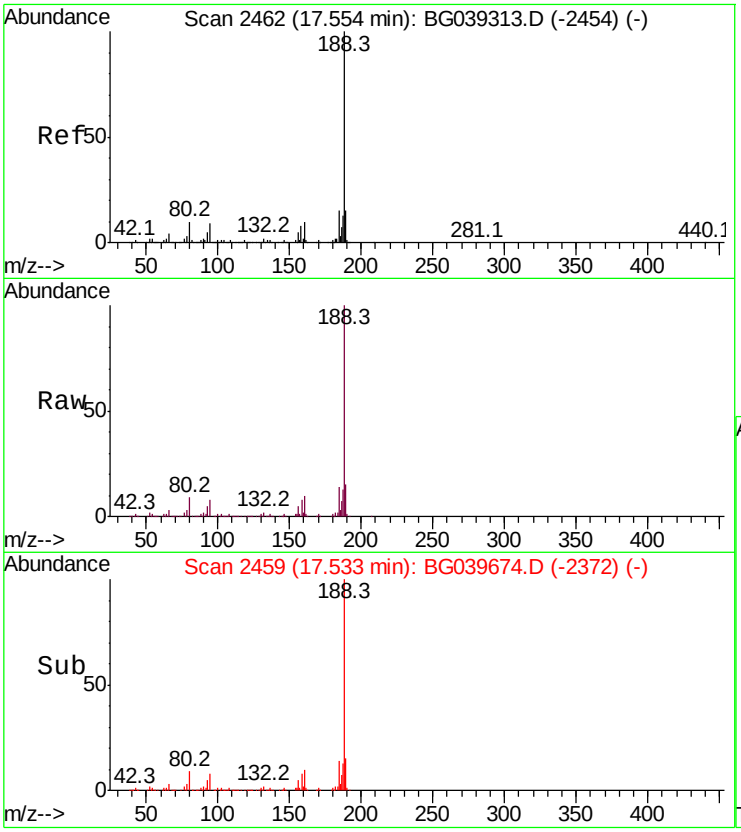


#62
4-Nitroaniline
Concen: 4.224 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.08 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Tgt Ion:138 Resp: 63

Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.7	78.7#
108	0.0	74.6	114.6#



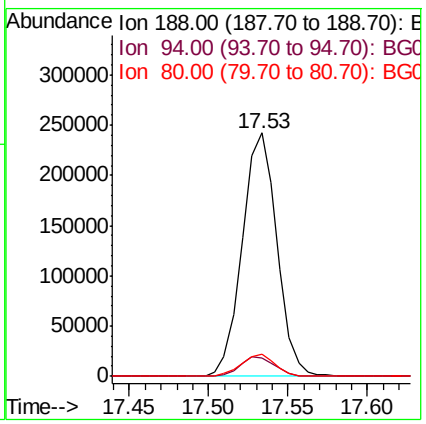


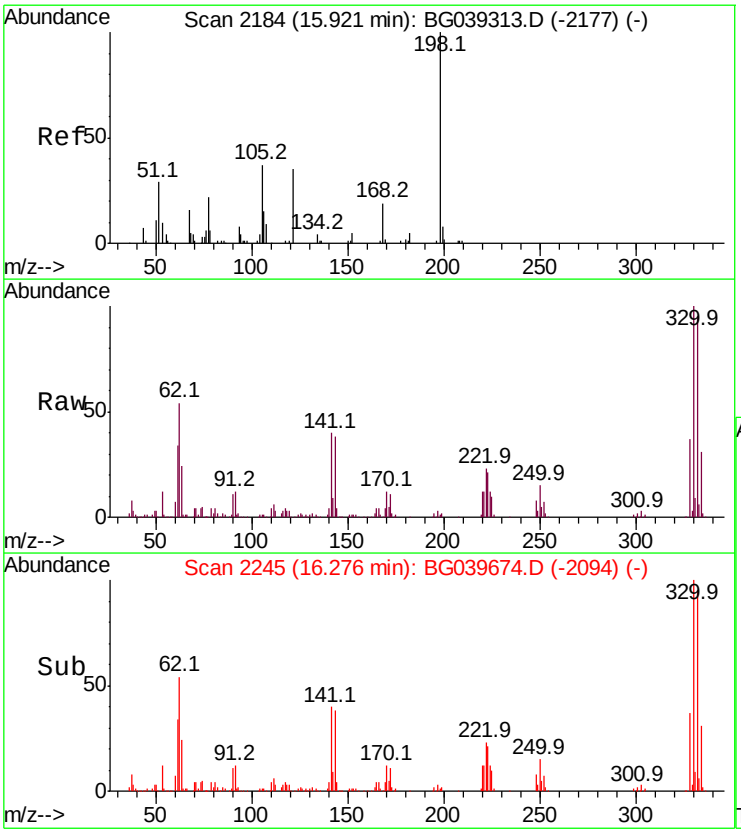
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 368418

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	9.2	8.1	12.1

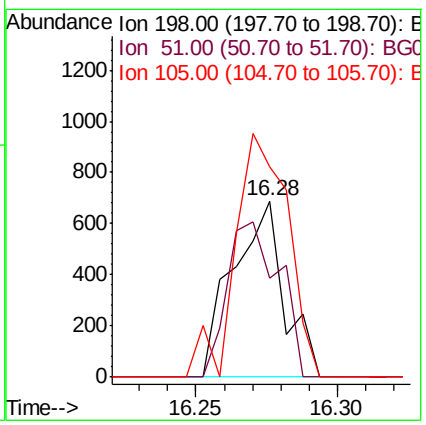


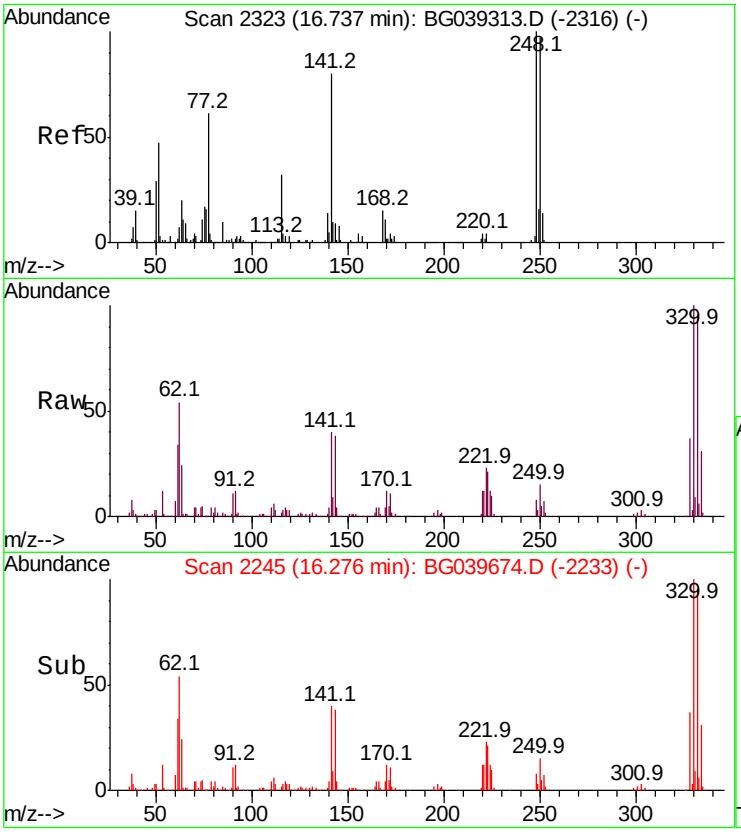


#65
4,6-Dinitro-2-methylphenol
Concen: 4.927 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Tgt Ion:198 Resp: 864

Ion	Ratio	Lower	Upper
198	100		
51	56.3	27.4	67.4
105	119.3	19.7	59.7#



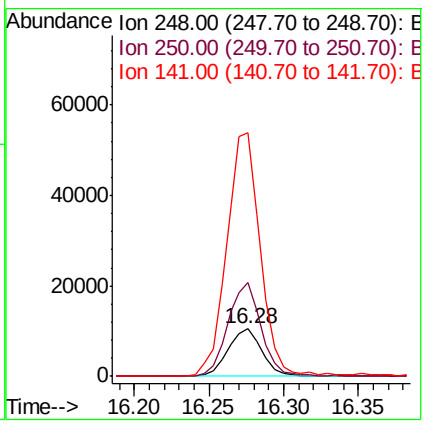


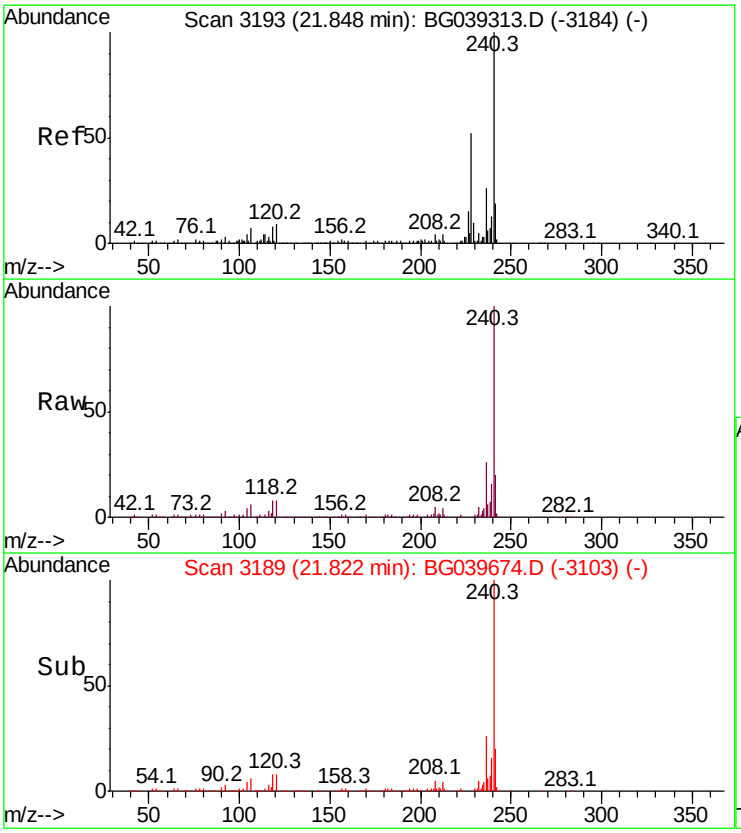
#67
4-Bromophenyl-phenylether
Concen: 4.031 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.46 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 16475

Ion	Ratio	Lower	Upper
248	100		
250	196.8	77.6	116.4#
141	513.8	63.9	95.9#

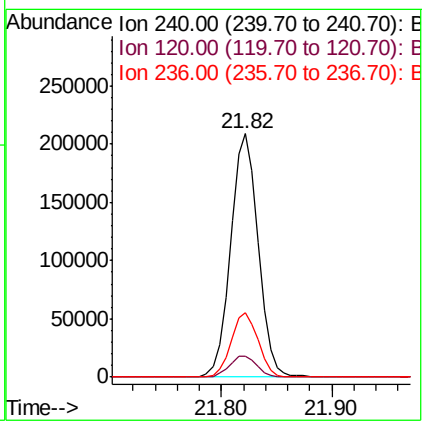


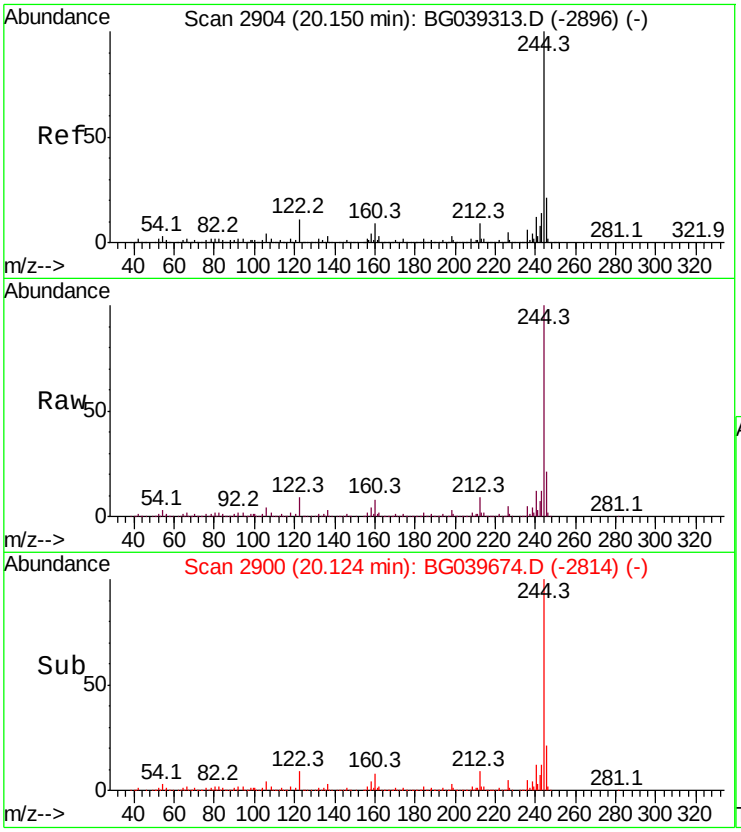


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Tgt Ion:240 Resp: 365317

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.0	10.6
236	26.3	21.0	31.4



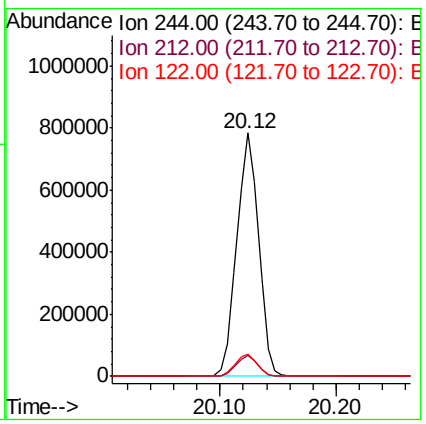


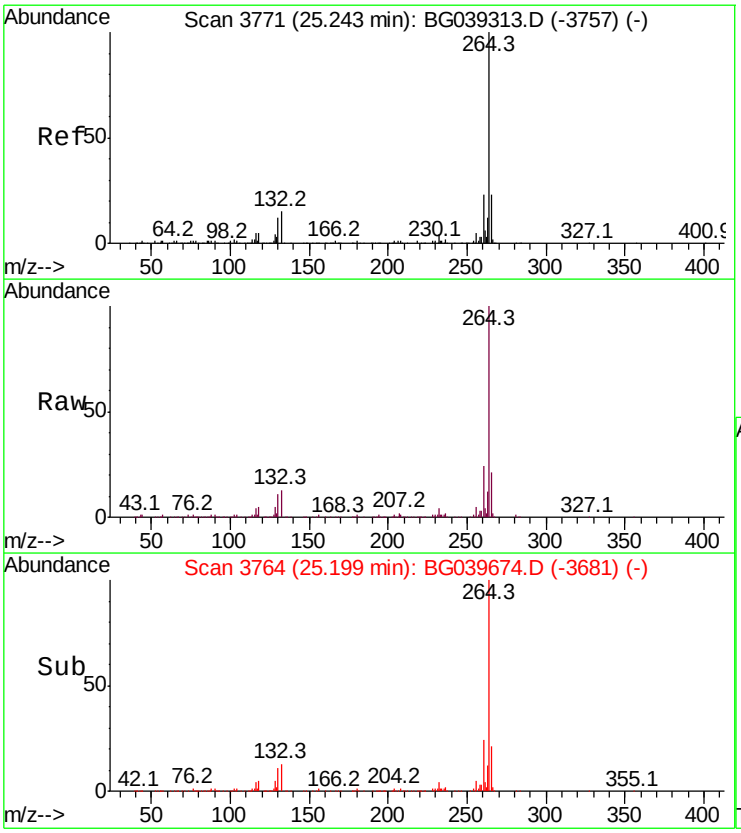
#79
Terphenyl-d14
Concen: 59.628 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.03 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1029122

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.3	10.9
122	9.4	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039674.D
Acq: 1 Mar 2019 00:11

Tgt Ion:264 Resp: 366549

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.4	18.5	27.7